

IN THE CLAIMS:

These claims will replace all prior versions of claims in the present application.

1. (Currently Amended) A putting stroke analyzer wherein a signal generated in a position detecting antenna is detected through electromagnetic induction between exiting coils and electromagnetic resonators by stroking a putter ~~(2)~~ having a head ~~(21)~~ ~~added with~~ having electromagnetic resonators (24) that is an LC resonance having an inductor and a capacitor, and between the electromagnetic resonators and the position detecting antenna.
2. (Currently Amended) A putting stroke analyzer in accordance with claim 1 wherein a signal generated in a position detecting antenna is detected individually through electromagnetic induction acted by each electromagnetic resonator ~~(24a, 24b)~~ by stroking the putter ~~(2)~~ added with one electromagnetic resonator at a toe side (tip side viewed from a player) of the head and one electromagnetic resonator at a heel side (this side viewed from a player) of the head.
3. (Currently Amended) A putting stroke analyzer in accordance with claim 2 wherein a signal generated in a position detecting antenna is detected individually through electromagnetic induction acted by each electromagnetic resonator ~~(24a, 24b)~~, setting two pairs of independent position detecting mat ~~(3a, 3b)~~ adjacently at the both sides of stroking line of the head at the time of using the said putter in accordance with claim 2.
4. (Currently Amended) A putting stroke analyzer in accordance with claim 2 wherein a signal generated in a position detecting antenna is detected individually through electromagnetic induction acted by each electromagnetic resonator by using a pair of

mat to make the exciting coils also serving as position detecting antennas work separately at this side and that side of stroking line of head at the time of using ~~the said putter in~~ accordance with claim 2.

5. (Currently Amended) A putter having the head added with the electromagnetic induction in accordance with claim 1 ~~or claim 2~~.

6. (Original) A putter in accordance with claim 5 wherein the electromagnetic induction is removable.